

October 22, 2021

(b) (6)

(Sent via email (b) (6) and hardcopy)

**Subject: Crawfish Tissue Sample Results from Bowman Property – May 2021
 Remedial Investigation/Feasibility Study
 SBA Shipyard Superfund Site, Jennings, Jefferson Davis Parish, Louisiana**

Dear (b) (6),

EHS Support LLC (“EHS Support”), on behalf of the SBA Shipyard Superfund Site Potentially Responsible Party (PRP) Group (“SBA Group”) and the United States Environmental Protection Agency (USEPA), is pleased to provide the attached laboratory results from crawfish tissue samples collected from your property in May 2021. The results are being provided per your request and pursuant to the Access Agreement between you, on behalf of Bowman Land Company Incorporated, and the SBA Group. The samples were collected as part of the ongoing Remedial Investigation/Feasibility Study (RI/FS) being conducted by the SBA Group and overseen by USEPA and the Louisiana Department of Environmental Quality (LDEQ) at the SBA Shipyard Superfund Site. The crawfish trap locations on your property (in Investigation Area of Interest #8 [or IAI-8] of the Investigation Area of Concern [or IAC]) are shown in **Figure 1** (attached). Laboratory reports containing the crawfish tissue sample results are provided in **Attachment A**.

In total, 54 crawfish were caught from the wetland area on your property. The tails and hepatopancreas (or digestive glands) of the 54 crawfish were shipped to the laboratory for processing and were composited into one sample that was then analyzed by the laboratory for required constituents and parameters. Currently, there are no further plans to collect crawfish from your property. If there is a need for additional crawfish on your property to complete the work, the SBA Group, pursuant to our Access Agreement, will contact you to discuss the additional sampling needs. The SBA Group, USEPA, and LDEQ appreciate your support in this matter. If you have any questions, please contact me at 225-610-3304 or Scott Lindenmuth (Technical Coordinator) at 312-882-3705.

Sincerely,



Jon Hamilton
SBA Shipyard PRP Group, Project Manager

CC: Michael Torres, USEPA
 Blake Atkins, USEPA
 Mike Chernenkoff, Jones Walker LLP
 Beth Hesse, EHS Support LLC

(b) (6)

Crawfish Tissue Sample Results from (b) (6) Property – May 2021
October 22, 2021



Figure

Legend

- Trap Location
- IAC/IAI Boundaries**
 - IAI-8, Offsite Wetland
 - Property Line

IAI-8 Trap (n=1)

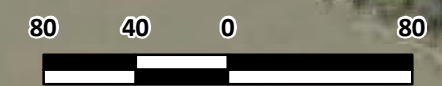
IAI-8 Trap (n=1)

IAI-8 Trap (n=1)

IAI-8 Trap (n=1)

IAI-8 Trap (n=1)

IAI-8



Scale In Feet

Crawfish Sample Location Map
IAI-8

(b) (6)

Crawfish Tissue Sample Results from (b) (6) Property – May 2021
October 22, 2021



Attachment A Lab Reports

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

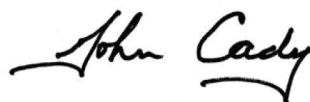
Laboratory Job ID: 410-44718-1

Client Project/Site: SBA Shipyard LA Fish Tissue
Revision: 1

For:

EHS Support, LLC
167 Oakview Drive
New Lenox, Illinois 60451

Attn: Jon Hamilton



Authorized for release by:
8/20/2021 11:55:53 AM

John Cady, Senior Project Manager
(832)763-8082
John.Cady@Eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

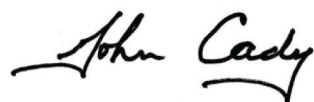
- QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
 - Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
 - Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
- Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.



John Cady
Senior Project Manager
8/20/2021 11:55:53 AM

Definitions/Glossary

Client: EHS Support, LLC
Project/Site: SBA Shipyard LA Fish Tissue

Job ID: 410-44718-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
H3	Sample was received and analyzed past holding time.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample Results

Client: EHS Support, LLC
Project/Site: SBA Shipyard LA Fish Tissue

Job ID: 410-44718-1

Client Sample ID: IAI-8-CRA04

Date Collected: 05/19/21 10:15

Date Received: 06/23/21 10:57

Lab Sample ID: 410-44718-15

Matrix: Tissue

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		66	26	ug/Kg		07/14/21 17:30	07/19/21 10:36	10
Acenaphthylene	ND		66	13	ug/Kg		07/14/21 17:30	07/19/21 10:36	10
Anthracene	ND		66	26	ug/Kg		07/14/21 17:30	07/19/21 10:36	10
Benzo[a]anthracene	ND	*3	66	26	ug/Kg		07/14/21 17:30	07/19/21 10:36	10
Benzo[a]pyrene	ND		66	26	ug/Kg		07/14/21 17:30	07/19/21 10:36	10
Benzo[b]fluoranthene	ND		66	26	ug/Kg		07/14/21 17:30	07/19/21 10:36	10
Benzo[g,h,i]perylene	ND		66	26	ug/Kg		07/14/21 17:30	07/19/21 10:36	10
Benzo[k]fluoranthene	ND		66	26	ug/Kg		07/14/21 17:30	07/19/21 10:36	10
Chrysene	ND	*3	66	13	ug/Kg		07/14/21 17:30	07/19/21 10:36	10
Dibenz(a,h)anthracene	ND		66	26	ug/Kg		07/14/21 17:30	07/19/21 10:36	10
Fluoranthene	ND		66	26	ug/Kg		07/14/21 17:30	07/19/21 10:36	10
Fluorene	ND		66	26	ug/Kg		07/14/21 17:30	07/19/21 10:36	10
Indeno[1,2,3-cd]pyrene	ND		66	26	ug/Kg		07/14/21 17:30	07/19/21 10:36	10
Naphthalene	ND		130	53	ug/Kg		07/14/21 17:30	07/19/21 10:36	10
Phenanthrene	ND		93	40	ug/Kg		07/14/21 17:30	07/19/21 10:36	10
Pyrene	ND	*3	66	26	ug/Kg		07/14/21 17:30	07/19/21 10:36	10

Eurofins Lancaster Laboratories Env, LLC

8/20/2021 (Rev. 1)

Client Sample Results

Client: EHS Support, LLC
Project/Site: SBA Shipyard LA Fish Tissue

Job ID: 410-44718-1

Client Sample ID: IAI-8-CRA04

Lab Sample ID: 410-44718-15

Date Collected: 05/19/21 10:15

Matrix: Tissue

Date Received: 06/23/21 10:57

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Benzo(a)pyrene-d12 (Surr)	62		36 - 119	07/14/21 17:30	07/19/21 10:36	10
1-Methylnaphthalene-d10 (Surr)	0	S1-	37 - 110	07/14/21 17:30	07/19/21 10:36	10
Fluoranthene-d10 (Surr)	0	S1-	41 - 135	07/14/21 17:30	07/19/21 10:36	10

General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Sample Homogenized	pass				NONE			07/07/21 21:10	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Lipids	1.3		0.20	0.050	%			07/09/21 21:00	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	81.1	H H3	1.0	1.0	%			07/08/21 13:31	1
Percent Solids	18.9	H H3	1.0	1.0	%			07/08/21 13:31	1



Frontier Global Sciences

5755 8th Street East
Tacoma, WA 98424
Phone: (253) 922-2310

Eurofins Lancaster Environmental, LLC
2425 New Holland Pike
Lancaster PA, 17601

Project: Low Level Mercury
Project Number: 410-44718-1
Project Manager: Hannah Cottman

Reported:
20-Aug-21 09:41

IAI-8-CRA04 (410-44718-15)

1G00038-13

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EFGS SOP2795 Nitric/Sulfuric Hg Digestion											
Mercury	7.05	0.089	0.798	ng/g	20	F108391	04-Aug-21	1H11018	10-Aug-21	EPA 1631B	QB-01
Sample Preparation: EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg											
Methyl Mercury (as Mercury)	7.1	0.5	2.0	ng/g	500	F107353	21-Jul-21	1G23007	23-Jul-21	EPA 1630 Mod	
Sample Preparation: EFGS SOP5133 Solids Analysis											
% Solids	18.9	-	0.1	% by Weight	1	F107349	14-Jul-21		14-Jul-21	SM 2540B	

Eurofins Frontier Global Sciences, LLC

Patrick Garcia-Strickland, Business Unit Manager

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

